

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2017-01
Boone | I-275 | 6-8953

This document constitutes a Request for Proposals for a Professional Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

County - Boone
Route - I-275
Item No. - 06-8953.00
Project Description - Interchange Justification Study at I-275 and Graves Road. Boone County Fiscal Court will provide a 50% match (\$375,000) (16CCN)

II. PROJECT INFORMATION

Project Manager - Mike Bezold, P.E.
User Division - Highway Design
Approximate Fee - \$700,000 (Lump Sum)
Project Funding - State (SPP) Funds

III. PURPOSE AND NEED

Due to residential and industrial growth around the I-275 and KY 237 Interchange there is excessive traffic congestion at this interchange. This project is to study the KY 237 interchange and determine if an additional interchange at Graves Road is warranted and if this interchange would improve the conditions on KY 237.

IV. DBE REQUIREMENT

None

V. SCOPE OF WORK

Complete all investigations and documents required to receive Federal Highway Administration (FHWA) ~~approval of determination of engineering and operational acceptability by completing~~ an Interchange Justification Study (IJS) for this interchange. ~~As part of the initial contract, the selected Consultant will be required to conduct sufficient studies to satisfy the requirements of an Interchange Justification Study with expected deliverables of preliminary interchange layouts and cost estimates (construction, right-of-way and utilities). The document should show that the proposed changes in access are compliant with FHWA's Interstate Access Policy. Any necessary improvement to the mainline interstate should also be included.~~

The selected Consultant may be responsible to provide Preliminary Engineering, which may be added to the contract by contract modification upon completion of the IJS. Preliminary Engineering may include the preparation of engineering studies, identification of appropriate typical sections, identifying any utility impacts, performing drainage design, developing dependable cost estimates, preparing documents for possible public meetings, and providing documents and/or plans to be used in obtaining an approved Environmental Document which is anticipated to be an Environmental Overview. Final approval of the IJS will be contingent upon NEPA approval.

This project may be further advanced to Final Design by contract modification when Preliminary Design is complete. If desired, the selected Consultant will then be asked to provide engineering services to perform Final Design, including the preparations of any design studies, drainage design, structure design, right of way plans, construction plans, traffic control plans and cost estimates as necessary.

VI. SPECIAL INSTRUCTIONS

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

VII. METHOD OF DESIGN

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

VIII. ENVIRONMENTAL

The selected Consultant will provide Environmental Services. It is anticipated that the Environmental Document will consist of an Environmental Overview; however, the document type will be decided at a later date based on funding sources, Army Corps of Engineers requirements, and/or other agency directives.

IX. PHOTOGRAMMETRIC SERVICES

The Department will be responsible for obtaining mapping and LIDAR data. The selected Consultant shall supplement this information with conventional surveying as needed.

X. STRUCTURE DESIGN

When the project advances to Final Design, and if the selected Consultant is retained for Final Design, they shall do the necessary engineering service to submit to the KYTC an Advanced Situation Folder(s) for the appropriate applicable structure(s). Structure Design Services may be added by Contract Modification. Prequalification in the area of Structure Design is required to be identified in the Consultant's Response to Announcement.

XI. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services required for the project.

XII. TRAFFIC

The **Traffic data counts**, Traffic projections and related information will be provided by the Consultant.

XIII. UTILITIES

The Department will be responsible for determining the existing locations of utilities to determine feasibility of redesign or utility relocation and cost estimates.

XIV. PREQUALIFICATION REQUIREMENTS

To respond to this project the Consultant must be prequalified in the following areas by the response due date of this advertisement:

ROADWAY DESIGN

- Rural Roadway Design
- Surveying

STRUCTURE DESIGN

- Spans under 500 feet

ENVIRONMENTAL AQUATIC AND TERRESTRIAL ECOSYSTEMS

- Water Quality
- Botany
- Zoology
- Wetlands

ENVIRONMENTAL ARCHAEOLOGY AND OTHER SERVICES

- Prehistoric
- Historic
- Highway Noise
- Air Quality Analysis
- Socioeconomic Analysis
- Cultural Historic Analysis

ENVIRONMENTAL AND UST SERVICES

- Hazmat Preliminary Site Assessment (Phase I)
- UST Preliminary Site Assessment

TRAFFIC ENGINEERING

- Traffic Engineering Services

TRANSPORTATION PLANNING SERVICES

- Planning Services
- Traffic Data Collection
- Travel Demand and Simulation Modeling
- Traffic Forecast

XV. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

- Bulletin Posted - July 12, 2016
- Response Date - August 3, 2016 by 4:30 PM ET (Frankfort Time)
- First Selection - August 9, 2016
- Final Selection - August 24, 2016
- Pre-Design Conference - August 31, 2016
- **Scope Verification/Area of Influence Meeting – September 2, 2016**
- Fee Proposal - September 9, 2016
- Contract Negotiations - September 21, 2016
- Notice to Proceed - October 20, 2016

XVI. PROJECT SCHEDULE

- Project Team Meeting June 1, 2017
- Draft Document October 1, 2017
- Project Team Meeting November 1, 2017
- Final Document December 15, 2017

XVII. EVALUATION FACTORS

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
2. Capacity to comply with project schedule. (10 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
5. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

XVIII. SELECTION COMMITTEE MEMBERS

1. Mike Bezold, PE, User Division
2. Jim Simpson, PE, User Division
3. Kevin Sandefur, PE, Secretary's Pool
4. Ron Matar, PE, Secretary's Pool
5. Vacant, Governor's Pool
Scott Pennington, PE, Boone County

XIX. AREA MAP

